

IN THE CLAIMS

Claim 1 has been cancelled:

1. (Cancelled)

Claim 2 has been amended as follows:

2. (Currently amended) A nerve stimulation device as claimed in claim [[1]] 7 further comprising a monitoring unit ~~adapted~~ configured to interact with the living subject ~~for monitoring~~ to monitor breathing of the living subject and which generates a monitoring unit output supplied to said regulating unit, said regulating unit regulating the pulse generator dependent on said monitoring unit output as well as dependent on said ECG signal ~~myo-electrical signals~~.

3. (Original) A nerve stimulation device as claimed in claim 2 wherein said monitoring unit comprising a breathing detector selected from the group consisting of an external ventilator, a spirometer, an impedance measurement arrangement, a thorax circumference measurement arrangement, and a gas analyzer.

Claims 4 and 5 have been cancelled.

4. - 5 (Cancelled)

Claim 6 has been amended as follows:

6. (Currently amended) A nerve stimulation device as claimed in claim [[1]] 7 wherein said electrode arrangement comprises a plurality of electrode leads and wherein said pulse generator is connected to said electrode arrangement via an output interface comprising a plurality of channels, with one channel for each electrode lead, and wherein said regulating unit regulates said pulse generator to individually control delivery of stimulation pulses via the respective electrode leads.

Claim 7 has been amended as follows:

7. (Currently amended) A nerve stimulation device comprising:

a pulse generator which generates stimulation pulses;

an electrode arrangement connected to the pulse generator adapted configured to interact with a living subject to deliver the stimulation pulses to stimulate the phrenic nerve;

a cardiac signal detector adapted configured to obtain an ~~electrical~~ ECG signal from the living subject indicative of a degree of stimulation of the vagus nerve of the living subject associated with the stimulation of the phrenic nerve by said stimulation pulses; and

a regulating unit connected to said cardiac signal detector and to said pulse generator for regulating the pulse generator dependent on the ~~electrical~~ ECG signal to reduce said degree of stimulation of the vagus nerve by said stimulation pulses.

Claim 8 has been cancelled.

8. (Cancelled)

Claim 9 has been amended as follows:

9. (Currently amended) A nerve stimulation device as claimed in claim 7 wherein said cardiac signal detector comprises:

an esophageal electrode adapted for insertion in the esophagus of the living subject for obtaining measurement signals; and

a signal analyzer connected to the esophageal electrode for filtering an said ECG signal, ~~as said electrical signal~~, from said measurement signals.